

Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12557-002001	Application No.
		Applicant Andrew Kloek et al.	
	Filing Date HEREWITH	Group Art Unit 1652	

10/060848  
10/060848  
01/30/02

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
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	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

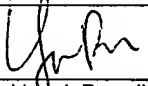
Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
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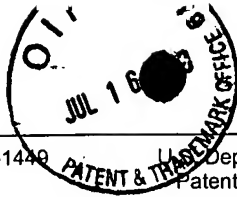
Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
Yp	AQ	Birktoft et al., "Refined Crystal Structure of Cytoplasmic Malate Dehydrogenase at 2.5Å Resolution" Biochemistry 28:6065-6081, 1989.
Yp	AR	Driscoll et al., "NADP+-Dependent Malic Enzyme of Rhizobium meliloti" J. of Bacteriology 178:2224-2231, 1996.
Yp	AS	Fahien et al., "Regulation of Malate Dehydrogenase Activity by Glutamate, Citrate, α-Ketoglutarate, and Multienzyme Interaction" J. of Biol. Chem. 263:10687-10697, 1988.
Yp	AT	Lai et al., "Mechanism of Activation of the NAD-Malic Enzyme from Ascaris suum by Fumarate" Archives of Biochemistry and Biophys. 299:214-219, 1992.
Yp	AU	Landsperger et al., "NAD+-Malic Enzyme" J. of Biol. Chem 251:3599-3602, 1976.
Examiner Signature <i>Yp</i>		Date Considered 8-14-03
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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**Other Documents (include Author, Title, Date, and Place of Publication)**

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YJ	AV	Mitsch et al., "Chimeric Structure of the NAD(P)+-and NADP+-dependent Malic Enzymes of Rhizobium (Sinorhizobium) meliloti" J. of Biol. Chem. 273:9330-9336, 1998.
YJ	AW	Prichard et al., "A Comparative Study of the Tricarboxylic Acid Cycle Enzymes in Fasciola Hepatica and Rat Liver" Com. Biochem. Physiol. 25:1005-1019, 1968.
YJ	AX	Rao et al., "Modification of an Arginine Residue Essential for the Activity of NAD-Malic Enzyme from Ascaris suum" Archives of Biochem. And Biophys. 255:8-13, 1987.
YJ	AY	Shonk et al., "Enzyme Patterns in Human Tissues. I. Methods for the Determination of Glycolytic Enzymes" Cancer Res. 24:709-721, 1964.
YJ	AZ	Spina, Jr. et al., "Purification and Properties of L-Malic Enzyme from Escherichia coli" Biochemistry 9:3794-3801, 1970.
YJ	AAA	GenBank Accession No. AW588457, McCarter, March 22, 2000.
YJ	ABB	GenBank Accession No. AW827742, McCarter, May 18, 2000.
YJ	ACC	GenBank Accession No. R05238, Hillier, March 31, 1995.
YJ	ADD	GenBank Accession No. T18570, Coles, February 18, 2000.
YJ	AEE	GenBank Accession No. T20396, Lennard, January 21, 2000.
YJ	AFF	GenBank Accession No. BE581385, McCarter, August 16, 2000.
YJ	AGG	GenBank Accession No. AW828934, McCarter, May 18, 2000.

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	Applicant Andrew Kloek et al.		
	Filing Date January 30, 2002	Group Art Unit	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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Foreign Patent Documents or Published Foreign Patent Applications								
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							Yes	No
	AH							
	AI							
	AJ							
	AK							
	AL							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
yo	AM	GenBank® Accession No. 4021307; GI No. 7275489; McCarter, J.P., March 22, 2000.
yo	AN	GenBank® Accession No. 4313893; GI No. 7921523; McCarter, J.P., May 18, 2000.
yo	AO	GenBank® Accession No. 175534; GI No. 754974; Marra M.A., March 31, 1995.
yo	AP	GenBank® Accession No. 4315085; GI No. 7922734; McCarter, J.P., May 18, 2000.
yo	AQ	GenBank® Accession No. 5790215; GI No. 9832327; McCarter, J.P., August 16, 2000.
yo	AR	GenBank® Accession No. T20396; GI. No. 7500583; Lennard, N., January 21, 2000.
yo	AS	GenBank® Accession No. T18570; GI No. 7511561; Ainscough, R., February 18, 2000.

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